

Receipt date: 09/21/2009

Doc code: IDS

10720801 - GAI: 2624

PFO/SI/00a (03-08)

Doc description: Information Disclosure Statement (IDS) Filed

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10720801
	Filing Date		2003-11-24
	First Named Inventor	Nichani, Sanjay	
	Art Unit	2624	
	Examiner Name	Strege, John B	
	Attorney Docket Number	C99-037 CON 1	

U.S.PATENTS						<a href="#">Remove</a>
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	3779178		1973-12-18	Riseley, Jr., Gerald	
	2	4382255		1983-05-03	Pretini, Gisberto	
	3	5097454		1992-03-17	Schwarz, et al.	
	4	5432712		2006-07-22	Chan	
	5	6028626		2000-02-22	Aviv, David G. et al.	
	6	6173070		2006-01-09	Michael, David J. et al.	
	7	6205233		2001-03-20	Morley et al.	
	8	6205242		2001-03-20	Onoguchi, Kazunori, et al.	

<b>Receipt date: 09/21/2009</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>( Not for submission under 37 CFR 1.99)</b>	Application Number		10720801	10720801 - GAU: 2624
	Filing Date		2003-11-24	
	First Named Inventor	Nichani, Sanjay		
	Art Unit		2624	
	Examiner Name	Strege, John B		
	Attorney Docket Number		C99-037 CON 1	

	9	6215898		2001-04-10	Woodfill, et al.	
	10	6295367		2001-09-25	Crabtree et al.	
	11	6308644		2001-10-30	Diaz, William	
	12	6496204		2002-12-17	Nakamura, Koichi	
	13	6496220		2002-12-17	Landert, et al.	
	14	6690354		2004-02-10	Sze	
	15	6710770		2004-03-23	Tomasi, et al.	
	16	6720874		2004-04-13	Fufido, et al.	
	17	6756910		2004-06-29	Ohba, et al.	
	18	6919549		2005-07-19	Bamji, et al.	
	19	6963661		2005-11-08	Hattori, et al.	

<b>Receipt date: 09/21/2009</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>( Not for submission under 37 CFR 1.99)</b>	Application Number		10720801	10720801 - GAU: 2624
	Filing Date		2003-11-24	
	First Named Inventor	Nichani, Sanjay		
	Art Unit	2624		
	Examiner Name	Strege, John B		
	Attorney Docket Number	C99-037 CON 1		

	20	6999600		2006-02-14	Venetianer, et al.	
	21	7003136		2006-02-21	Harville, Michael	
	22	7058204		2006-06-06	Hildreth, et al.	
	23	7088236		2006-08-08	Sorensen John Erik Aasted	
	24	7260241		2007-08-21	Fukuhara, et al.	
	25	7382895		2008-06-03	Bramblet, et al.	
	26	3727034		1973-04-10	Pope, Joseph T.	
	27	4000400		1976-12-28	Elder, Clarence L.	
	28	4303851		1981-12-01	Mottier, Francois M.	
	29	4799243		1987-09-01	Zepke, Bruce	
	30	4847485		1989-07-11	Koelsch, Raphael	

<b>Receipt date: 09/21/2009</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10720801	10720801 - GAU: 2624
	Filing Date		2003-11-24	
	First Named Inventor	Nichani, Sanjay		
	Art Unit	2624		
	Examiner Name	Strege, John B		
	Attorney Docket Number	C99-037 CON 1		

	31	4998209		1989-07-19	Vuichard, et al.	
	32	5201906		1993-04-13	Schwarz, Milan, et al.	
	33	5387768		1995-02-07	Tzard, et al.	
	34	5519784		1996-05-21	Vermeulen, Pieter J.E.	
	35	5559551		1996-09-24	Sakamoto, et al.	
	36	5565918		1994-06-24	Homma, et al.	
	37	5581625		1996-12-03	Connell, Jonathan, H. et al.	
	38	5866887		1999-02-02	Hashimoto, Kazuhiko, et al.	
	39	5880782		1999-03-09	Koyanagi, et al.	
	40	6081619		2000-06-27	Kazuhiko, et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

**U.S.PATENT APPLICATION PUBLICATIONS**

Remove

<b>Receipt date: 09/21/2009</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>( Not for submission under 37 CFR 1.99)</b>	Application Number		10720801	10720801 - GAU: 2624
	Filing Date		2003-11-24	
	First Named Inventor	Nichani, Sanjay		
	Art Unit	2624		
	Examiner Name	Strege, John B		
	Attorney Docket Number	C99-037 CON 1		

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20010010731		2001-08-02	Miyatake, et al.	
	2	20010030689		2001-10-18	Spinelli	
	3	20020118113		2002-08-29	Oku, et al.	
	4	20020191819		2002-12-19	Hashimoto, et al.	
	5	20040017929		2004-01-29	Bramblet, et al.	
	6	20040061781		2004-04-01	Fennell, et al.	
	7	20040153671		2004-08-05	Schuyler, et al.	
	8	20040017929		2004-01-29	Bramblet, et al.	
	9	20050074140		2005-07-04	Grasso, et al.	
	10	20050105765		2005-05-19	Han, et al.	

<b>Receipt date: 09/21/2009</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10720801	10720801 - GAU: 2624
	Filing Date		2003-11-24	
	First Named Inventor	Nichani, Sanjay		
	Art Unit	2624		
	Examiner Name	Strege, John B		
	Attorney Docket Number	C99-037 CON 1		

If you wish to add additional U.S. Published Application citation information please click the Add button.								<b>Add</b>
<b>FOREIGN PATENT DOCUMENTS</b>								<b>Remove</b>
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>
If you wish to add additional Foreign Patent Document citation information please click the Add button								<b>Add</b>
<b>NON-PATENT LITERATURE DOCUMENTS</b>								<b>Remove</b>
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						T <sup>5</sup>
	1	Burschka, et al., Scene Classification from Dense Disparity Maps in Indoor Environments, Proceedings of ICPR 2002						<input type="checkbox"/>
	2	Canesta, Inc., Development Platform - DP200, Electronic Perception Technology - Real-time single chip 3D imaging, 11005-01 Rev 2, 7/12/2004						<input type="checkbox"/>
	3	CEDES, News from the CEDES World , 2009						<input type="checkbox"/>
	4	CSEM SA, Swiss Ranger SR-2 Datasheet, CSEM Technologies for innovation, www.csem.ch, imaging@csem.ch, Bandenerstrasse 569, CH 8048, Zurich, Switzerland, 2004						<input type="checkbox"/>
	5	Gluckman, Joshua, et al, Planar Catadioptric Stereo: Geometry and Calibration, IEEE, 1999						<input type="checkbox"/>
	6	Gurovich, Alexander, et al, Automatic Door Control using Motion Recognition, Technion, Israel Institute of Technology, 8/1999						<input type="checkbox"/>

<b>Receipt date: 09/21/2009</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>( Not for submission under 37 CFR 1.99)</b>	Application Number		10720801	10720801 - GAU: 2624
	Filing Date		2003-11-24	
	First Named Inventor	Nichani, Sanjay		
	Art Unit	2624		
	Examiner Name	Strege, John B		
	Attorney Docket Number	C99-037 CON 1		

7	Jain, et al, Machine Vision, Chapter 11 - Depth, MIT Press and McGraw-Hill Inc. 1995, pp. 289 - 297	<input type="checkbox"/>
8	Kalman, R. E., A New Approach to Linear Filtering and Prediction Problems, Transactions of the ASME, The Journal of Basic Engineering, 8, pp. 35-45, 1960	<input type="checkbox"/>
9	Kanade, T., et al, A Stereo Machine for Video-rate Dense Depth Mapping and Its New Applications, Proc. IEEE Computer Vision and pattern Recognition, pp. 196-202, 1996	<input type="checkbox"/>
10	Norris, Jeffery, Face Detection and Recognition in Office Environments, Department fo Electrical Engineering and Computer Science, Massachusetts Institute of Technology, 5/21/1999	<input type="checkbox"/>
11	Pilz GmbH & Co., Safe camera system SafetyEye, <a href="http://www.pilz.com/products/sensors/camera/f/safetyeye/sub/applications/index.en.jsp">http://www.pilz.com/products/sensors/camera/f/safetyeye/sub/applications/index.en.jsp</a> , 2007	<input type="checkbox"/>
12	Pollard, Stephen P., et al, A Stereo Correspondence Algorithm using a disparity gradient limit, Perception, Volume 14, 1985	<input type="checkbox"/>
13	Prati, A., et al, Detecting Moving Shadows: Algorithms and Evaluations, IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 25, No. 7, pp. 918 - 923, 2003	<input type="checkbox"/>
14	Roeder-Johnson Corporation, Low-cost, Broadly-Available Computer/Machine Vision Applications Much Closer with New Canesta Development Platform, Press Release, San Jose, CA, 8/10/2004	<input type="checkbox"/>
15	Tsai, R. Y., A Versatile Camera Calibration Technique for High-Accuracy 3D Machine vision Metrology using off-the-shelf TV Cameras and Lenses, IEEE J. Robotics and Automation, Vol. 3, No. 4, 8/1987	<input type="checkbox"/>
16	Weng, Agglomerative Clustering Algorithm, <a href="http://www.speech.sri.com">www.speech.sri.com</a> , 1997	<input type="checkbox"/>
17	Zhang, Z., A Flexible New Technique for Camera Calibration, Technical Report MSR-TR-98-71, Microsoft Research, Microsoft Corporation, pp. 1 - 22, 3/25/1996	<input type="checkbox"/>

<b>Receipt date: 09/21/2009</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>( Not for submission under 37 CFR 1.99)</b>	Application Number		10720801	10720801 - GAU: 2624
	Filing Date		2003-11-24	
	First Named Inventor	Nichani, Sanjay		
	Art Unit	2624		
	Examiner Name	Strege, John B		
	Attorney Docket Number	C99-037 CON 1		

If you wish to add additional non-patent literature document citation information please click the Add button <input type="button" value="Add"/>			
<b>EXAMINER SIGNATURE</b>			
Examiner Signature	/John Strege/	Date Considered	09/28/2009
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			
<p><small><sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="http://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.</small></p>			